

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/530,951
Source: IFWP
Date Processed by STIC: 08/25/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 08/25/2006

PATENT APPLICATION: US/10/530,951

TIME: 14:42:24

Input Set : A:\sequence listing ascii.txt

Output Set: N:\CRF4\08252006\J530951.raw

3 <110> APPLICANT: Hariharan, Kandasamy
 4 Daniels, Mark
 5 McLachlan, Karen
 7 <120> TITLE OF INVENTION: GENES OVEREXPRESSED BY OVARIAN CANCER AND THEIR USE IN
 DEVELOPING NOVEL
 8 THERAPEUTICS
 10 <130> FILE REFERENCE: 2159.0620008/EKS/J-H
 12 <140> CURRENT APPLICATION NUMBER: 10/530,951
 C--> 13 <141> CURRENT FILING DATE: 2005-04-07
 15 <150> PRIOR APPLICATION NUMBER: PCT/US03/16253
 16 <151> PRIOR FILING DATE: 2003-06-10
 18 <150> PRIOR APPLICATION NUMBER: 60/386,748
 19 <151> PRIOR FILING DATE: 2002-06-10
 21 <150> PRIOR APPLICATION NUMBER: 60/396,141
 22 <151> PRIOR FILING DATE: 2002-07-17
 24 <150> PRIOR APPLICATION NUMBER: 60/405,319
 25 <151> PRIOR FILING DATE: 2002-08-23
 27 <150> PRIOR APPLICATION NUMBER: 60/428,274
 28 <151> PRIOR FILING DATE: 2002-11-22
 30 <160> NUMBER OF SEQ ID NOS: 102
 32 <170> SOFTWARE: PatentIn version 3.3
 34 <210> SEQ ID NO: 1
 35 <211> LENGTH: 473
 36 <212> TYPE: DNA
 37 <213> ORGANISM: Homo sapiens
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 42 ccgaataactg ggtaaatcca agtttttact attcatgtaa tttttaaaaa taggtaaaag 120
 44 ctagtttttat accagccctc gaaagttgta gagcagctgt atctggtagg aagaatccgt 180
 46 actcaatgaa aatgtcgggt gagacagaac aggcttcagt agatgtttat agatgttttc 240
 48 acatgtttaca aattaaagta tattcatctc cagtgcacaa agactaatc tgtattgaag 300
 50 agtccctcag ctgctagggt gaccagcagc ccaggcctga gggctttcct ggaacctgaa 360
 52 acttttcaatg ctaaaactag gacagtccea ggccaaccag gatgggttgg cattcttcta 420
 54 gttgctgaga ttttgaaatc aatatttagt gttcattcta ctgttattgg aat 473
 57 <210> SEQ ID NO: 2
 58 <211> LENGTH: 2992
 59 <212> TYPE: DNA
 60 <213> ORGANISM: Homo sapiens
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 64 <221> NAME/KEY: misc_feature
 65 <223> OTHER INFORMATION: n is a, c, g, or t
 67 <220> FEATURE:
 68 <221> NAME/KEY: misc_feature
 69 <222> LOCATION: (637)..(637)

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70 <223> OTHER INFORMATION: n is a, c, g, or t
72 <220> FEATURE:
73 <221> NAME/KEY: misc_feature
74 <222> LOCATION: (1192)..(1192)
75 <223> OTHER INFORMATION: n is a, c, g, or t
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79 <222> LOCATION: (1399)..(1399)
80 <223> OTHER INFORMATION: n is a, c, g, or t
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83 <221> NAME/KEY: misc_feature
84 <222> LOCATION: (1436)..(1437)
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87 <220> FEATURE:
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94 <222> LOCATION: (1453)..(1453)
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109 <222> LOCATION: (1522)..(1522)
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114 <222> LOCATION: (1529)..(1531)
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129 <222> LOCATION: (1549)..(1549)
130 <223> OTHER INFORMATION: n is a, c, g, or t

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132 <220> FEATURE:
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134 <222> LOCATION: (1562)..(1562)
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149 <222> LOCATION: (1574)..(1575)
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159 <222> LOCATION: (1582)..(1582)
160 <223> OTHER INFORMATION: n is a, c, g, or t
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164 <222> LOCATION: (1588)..(1588)
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169 <222> LOCATION: (1598)..(1598)
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173 <221> NAME/KEY: misc_feature
174 <222> LOCATION: (1600)..(1601)
175 <223> OTHER INFORMATION: n is a, c, g, or t
177 <220> FEATURE:
178 <221> NAME/KEY: misc_feature
179 <222> LOCATION: (1604)..(1604)
180 <223> OTHER INFORMATION: n is a, c, g, or t
182 <220> FEATURE:
183 <221> NAME/KEY: misc_feature
184 <222> LOCATION: (1606)..(1606)
185 <223> OTHER INFORMATION: n is a, c, g, or t
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188 <221> NAME/KEY: misc_feature
189 <222> LOCATION: (1608)..(1608)
190 <223> OTHER INFORMATION: n is a, c, g, or t
192 <220> FEATURE:

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194 <222> LOCATION: (1612)..(1612)
195 <223> OTHER INFORMATION: n is a, c, g, or t
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199 <222> LOCATION: (1623)..(1623)
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203 <221> NAME/KEY: misc_feature
204 <222> LOCATION: (1625)..(1625)
205 <223> OTHER INFORMATION: n is a, c, g, or t
207 <220> FEATURE:
208 <221> NAME/KEY: misc_feature
209 <222> LOCATION: (1640)..(1641)
210 <223> OTHER INFORMATION: n is a, c, g, or t
212 <220> FEATURE:
213 <221> NAME/KEY: misc_feature
214 <222> LOCATION: (1649)..(1649)
215 <223> OTHER INFORMATION: n is a, c, g, or t
217 <400> SEQUENCE: 2
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220 gccagtcagt ggttgggtgg cagttatcag gacaggacgg aattctttgt caggccgctc 120
222 agttttcatg gtgaacctgt gataagggag tggagtctgg ccacggtgtc aggtgatctg 180
224 ctgaagtcca tggaaggatc ttccagtcct tgtttttcag atattggttt ctgtttatct 240
226 cttagaaagt ctggtataaa cacaaagagg gggtagctag gcataatctaa cctcctatct 300
228 catcaaagcc agggaaaactt aaagtttttc tgggtgatct gggccaagag ggggtccattc 360
230 agtctgtcag aggcattcaga ttctattctg gttccacagg ggactccaga acgtgattcc 420
232 cgggtctctc accttaatat tgtcatcacc ctaggagatt ttagtggaac ttagatagat 480
234 tcttcctagc tctgagctca aagtttccca aagggatatt ttctagttat gagagacatt 540
236 aatgggtgta gggatagaga gattaaatga gacctatgat cacataagtt tggaaaatga 600
W--> 238 tgaataagca aagggtaatg tagaagaaga aatttttnatt taaaaccaa gctgatgatg 660
240 tggattccta ataagataag tgagcaacaa cttggagggg gcccagggtg gggagagcaa 720
242 tttttctgcc agacagctca tcaactgaca ccaactggca ggacatcctg ttcccaaata 780
244 cctcactcca cacatagccc caacagcaca acctcattct gcacataccc cctccagtac 840
246 aaccctagaa aacttccctc cagtccctgc ctctttgcag acagcccctt ctctgccgtg 900
248 ctgcccattg cctccttgca acataattct cctgtaatat gcttgctttc tttaactcac 960
250 tactgtcttg gtaaaattct ttaccatctg tgacgccagc cccagccagt tgcacctgca 1020
252 acagatgaca gctacttctg tcttctaagg agggtggaat gggtcacatc gataagaaaa 1080
254 tacgtactcc atggctccat tccacttacg gggactggag tggggaggag aaagtagaaa 1140
W--> 256 ggaaactaac atttctgtgc ttctgcgtct tttctatgtt gatgacctgc angtgcaggg 1200
258 cagacagccc atgtgacctg attgcctaag attttcctgc tgtacacctg ttggccagca 1260
260 aagttattac taggcccact ttcaatctta aaagtgtcat agtttgagc acgtattatg 1320
262 tggttacctg ttaatgaggc tttgaaaatg taaaagttag ttcaagacca aataaggaga 1380
W--> 264 ggaaagcaaa gttgttttng tacaataaag tgaggagagt tgagttgggg tagggmnga 1440
W--> 266 gggggcnagg ganataaaan gaaagttttg nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1500
W--> 268 nnnnnnnnnn nnnnnnnnnn cngcctaann ncanaataaa gggggnaant ggtaaaaagg 1560
W--> 270 tncnctnnaa aatnngntgg anaatttnaa agggaggntn naantnanag tngaaagtga 1620
W--> 272 ccntnaaaaa aataaacccn nctggaaant tctcagaatc tcaggatggg cccagagta 1680
274 tctaaagatg ctacagttca agggattgag ccaattgtat ataaatctta atggataggt 1740

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276 tgacctcagc ataaaacttg ggtggaaatt ttaaacaggt ttctttatctt cagcacttct 1800
278 cagagcactc attgtataag gtactttgtg aatatccaga tagtattctt caaactctct 1860
280 tttatttccc cagggggcat cccataggac aagaagcatt ctttgtgaca ctctgtggga 1920
282 agagctggtt taaaggggta cctgtctggg caacactgtc ccacaggggc ccccatgacc 1980
284 aaactaactc tgcttctacc cagaaagggt gcagagtagc cactagactt ttatgtggca 2040
286 aatgggatgg ttatgccag cctgaagcca agatgccctt tctggttgcc ttgatttggtg 2100
288 tttaacagct ccaaatgctt aatgaggcag taagagacgt ctctcttggg cagtacttcc 2160
290 caactagggg tgagtttgcc acccttacc ccatcccagt gaatatttgc aattcctaaa 2220
292 gacgtgtttt gattgtcaca cctgggtggg gaacatgcta ctggcatcta atgcatagag 2280
294 ggcagtaaatg ctgctaaaca tctttcaacg cacagggaca gagccccaca aaaaagaatt 2340
296 atctaggccc caaatgtcca taacactgct gttgagaaaa acctaccgca ggatcttact 2400
298 gggcttcata ggtaagcttg cctttgttct ggcttctgta gatataaaa ataaagacac 2460
300 tgcccagtc ctcctcaac gtcccgagcc agggctcaag gcaattccaa taacagtaga 2520
302 atgaacacta aatattgatt tcaaaatctc agcaactaga agaatgacca accatcctgg 2580
304 ttggcctggg actgtcctag ttttagcatt gaaagtttca ggttccagga aagccctcag 2640
306 gctgggctg ctgggtcacc tagcagctga gggactcttc aatacagaat tagtctttgt 2700
308 gcactggaga tgaatatact ttaatttgta acatgtgaaa acatctataa acatctactg 2760
310 aagcctgttc tgtctgcacc gacattttca ttgagtacgg attcttctta ccagatacag 2820
312 ctgctctaca actttcgagg gctgggtataa aactagcttt tacctatttt taaaaattac 2880
314 atgaatagta aaaacttgga ttaacccagt attcgggtat tttcaatctt ccttggggagc 2940
316 ttagaggacg gacaaaataaa aagattatct caacatcaaa aaaaaaaaaa aa 2992
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320 <211> LENGTH: 477
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322 <213> ORGANISM: Homo sapiens
324 <400> SEQUENCE: 3
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327 aaaccagcg atgcttgcca cttcccaagg tgtaaaaatg tgaagattaa ggtaaactga 120
329 atgtcgagga gtgtaaagag atggcaaaac acagataaaa acatccaaaa agcctctggg 180
331 ggcaggtcaa gcttatgatt caacagttag aaaaccaaaa ttacttggac atccccttct 240
333 acttaaaagt atatactgga attgaaaata ttaactgtta gtttttagaaa ctaagattac 300
335 ttgaagtagg ctcatccag aatgcttttc ttttttcctt cctgaaacaa ttacatcaaa 360
337 cttagatata ctaatgttta ttttttagata tactccttaa aggcatttat gttcaccctt 420
339 ttcgaggatg agaaatttac attaactaat aaacttaaca ttgatcttaa gaactgg 477
342 <210> SEQ ID NO: 4
343 <211> LENGTH: 340
344 <212> TYPE: DNA
345 <213> ORGANISM: Homo sapiens
347 <400> SEQUENCE: 4
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350 acccaggaca acatttcttt gatcaataaa ctttcaggaa atggagggaag ctgttttggg 120
352 acacattcaa agctagttaa cttgaacttg gaaatagggt tttgacaatc caactatggg 180
354 aaacaaatct ctgaacaaat tttaaatgaa acctcacccc cccaaactgt tcaagtggca 240
356 gacaaaataa attaccataa attatatgcc aacacacctt ttaaaaaaca acaacagcaa 300
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361 <210> SEQ ID NO: 5
362 <211> LENGTH: 1121
363 <212> TYPE: DNA
364 <213> ORGANISM: Homo sapiens

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 637,1192,1399,1436,1437,1447,1453,1460,1471,1472,1473,1474
 Seq#:2; N Pos. 1475,1476,1477,1478,1479,1480,1481,1482,1483,1484,1485,1486
 Seq#:2; N Pos. 1487,1488,1489,1490,1491,1492,1493,1494,1495,1496,1497,1498
 Seq#:2; N Pos. 1499,1500,1501,1502,1503,1504,1505,1506,1507,1508,1509,1510
 Seq#:2; N Pos. 1511,1512,1513,1514,1515,1516,1517,1518,1519,1520,1522,1529
 Seq#:2; N Pos. 1530,1531,1534,1546,1549,1562,1564,1567,1568,1574,1575,1577
 Seq#:2; N Pos. 1582,1588,1598,1600,1601,1604,1606,1608,1612,1623,1625,1640
 Seq#:2; N Pos. 1641,1649
 Seq#:8; N Pos. 319
 Seq#:12; N Pos. 434
 Seq#:13; N Pos. 238
 Seq#:17; N Pos. 444,447,499
 Seq#:24; N Pos. 233
 Seq#:25; N Pos. 387,395,398,439,460,463

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
 per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:35,36,47,48,49,50,51,52

VERIFICATION SUMMARY

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L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:238 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:600
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1140
L:264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1380
L:266 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1440
L:268 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1500
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1560
L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1620
L:510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:300
L:712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:420
L:735 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:180
L:897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:420
L:899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:480
L:1376 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24 after pos.:180
L:1411 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:360
L:1413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:420